










Focus Occupation: Electricians (47-2111)

Focus occupation: Electricians 	
Employment and Growth	2,348/ 8.6%
Ave. Monthly Wage	\$6,234
Education/Experience	High school diploma or equivalent

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Electrical Engineers (17-2071)	3	285/ 7.5%	BA	81
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay (49-2095)	2	128/ 6.7%	VOC	85
Supervisors of Construction and Extraction Workers  (47-1011)	2	1,071/ 10.4%	HS/5 plus yrs	76
Boilermakers  (47-2011)	1	114/ 3.6%	HS	76
Construction and Building Inspectors (47-4011)	1	351/ 9.3%	HS/5 plus yrs	71
Electrical and Electronic Engineering Technicians  (17-3023)	1	556/ 7.5%	AA	77
Electrical Power-Line Installers and Repairers  (49-9051)	1	362/ 10.0%	HS	92
Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)	1	782/ 7.7%	VOC	86

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Avionics Technicians (49-2091)	0	181/ 3.4%	VOC	74
Electrical and Electronics Repairers, Commercial and Industrial Equipment  (49-2094)	0	225/ 3.7%	VOC	93

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Control and Valve Installers and Repairers, Except Mechanical Door (49-9012)	-1	137/ 7.9%	HS	87
Electro-Mechanical Technicians (17-3024)	-1	129/ 9.3%	AA	81
Carpenters  (47-2031)	-2	3,089/ 11.5%	HS	77

Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)	-2	157/ 4.0%	VOC	96
Telecommunications Line Installers and Repairers (49-9052)	-2	497/ 7.1%	HS	84
Heating, Air Conditioning, and Refrigeration Mechanics and Installers  (49-9021)	-3	326/ 10.9%	VOC	84
Radio, Cellular, and Tower Equipment Installers and Repairers (49-2021)	-3	34/ 9.7%	AA	74
Electric Motor, Power Tool, and Related Repairers (49-2092)	-4	n/a	VOC	72
Security and Fire Alarm Systems Installers (49-2098)	-4	142/ 12.7%	HS	96
Electromechanical Equipment Assemblers (51-2023)	-5	n/a	HS	72
Electronic Home Entertainment Equipment Installers and Repairers (49-2097)	-5	55/ 10.0%	VOC	81
Helpers--Electricians (47-3013)	-6	186/ 8.1%	HS	100
Helpers--Installation, Maintenance, and Repair Workers  (49-9098)	-6	879/ 9.7%	HS	70

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.